

**PCT REQUEST**

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<b>0</b>	<b>For receiving Office use only</b>	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
0-4-1	Prepared Using	<b>PCT-SAFE [EASY mode] Version 3.50 (Build 0002.175)</b>
<b>0-5</b>	<b>Petition</b>  The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	<b>Japan Patent Office (RO/JP)</b>
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	<b>50409125</b>
<b>I</b>	<b>Title of Invention</b>	<b>TWO-DIMENSIONAL PHOTONIC CRYSTAL MULTIPLEXER/DEMULTIPLEXER</b>
<b>II</b>	<b>Applicant</b>	
II-1	This person is	<b>applicant only</b>
II-2	Applicant for	<b>all designated States except US</b>
II-4	Name	<b>Japan Science and Technology Agency</b>
II-5	Address	<b>4-1-8, Honcho, Kawaguchi-shi, Saitama 3320012</b>
II-6	State of nationality	<b>JP</b>
II-7	State of residence	<b>JP</b>
II-11	Applicant's registration No. with the Office	<b>503360115</b>
<b>III-1</b>	<b>Applicant and/or inventor</b>	
III-1-1	This person is	<b>applicant only</b>
III-1-2	Applicant for	<b>all designated States except US</b>
III-1-4	Name	<b>SUMITOMO ELECTRIC INDUSTRIES, LTD.</b>
III-1-5	Address	<b>5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041</b>
III-1-6	State of nationality	<b>JP</b>
III-1-7	State of residence	<b>JP</b>
III-1-11	Applicant's registration No. with the Office	<b>000002130</b>

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<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is	<b>applicant and inventor</b>
III-2-2	Applicant for	<b>US only</b>
III-2-4	Name (LAST, First)	<b>NODA, Susumu</b>
III-2-5	Address	<b>231 Kyodai-Shokuinshukusha, Gokashou, Uji-shi, Kyoto 6110011</b>
III-2-6	State of nationality	<b>Japan</b>
III-2-7	State of residence	<b>JP</b>
<b>III-3</b>	<b>Applicant and/or inventor</b>	
III-3-1	This person is	<b>applicant and inventor</b>
III-3-2	Applicant for	<b>US only</b>
III-3-4	Name (LAST, First)	<b>ASANO, Takashi</b>
III-3-5	Address	<b>2-108 Katsura-Daini-Goudoushukusha, 65-3, Kawashima-Gotan-Osa-cho, Nishikyo- ku, Kyoto-shi, Kyoto 6158104</b>
III-3-6	State of nationality	<b>Japan</b>
III-3-7	State of residence	<b>JP</b>
<b>III-4</b>	<b>Applicant and/or inventor</b>	
III-4-1	This person is	<b>applicant and inventor</b>
III-4-2	Applicant for	<b>US only</b>
III-4-4	Name (LAST, First)	<b>AKAHANE, Yoshihiro</b>
III-4-5	Address	<b>c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016</b>
III-4-6	State of nationality	<b>Japan</b>
III-4-7	State of residence	<b>JP</b>

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IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	<b>KOBAYASI, Ryohei</b>
IV-1-2	Address	<b>KOBAYASI PATENT &amp; TRADEMARK, 7th Floor, Hougen-Sizyokarasuma Building, 37, Motoakuozu-tyo, Higasinotouin Sizyosagaru, Simogyo-ku, Kyoto-shi, Kyoto 6008091 Japan</b>
IV-1-3	Telephone No.	<b>075-351-6121</b>
IV-1-4	Facsimile No.	<b>075-351-6122</b>
IV-1-5	e-mail	<b>kyopat@kyopat.jp</b>
IV-1-6	Agent's registration No.	<b>100095670</b>
<b>V</b>	<b>DESIGNATIONS</b>	
V-1	<b>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</b>	
VI-1	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	<b>29 August 2003 (29.08.2003)</b>
VI-1-2	Number	<b>2003-307654</b>
VI-1-3	Country	<b>JP</b>
VI-2	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	
VII-1	<b>International Searching Authority Chosen</b>	<b>Japan Patent Office (ISA/JP)</b>

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<b>VIII</b>	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	14	-
IX-3	Claims	2	-
IX-4	Abstract	1	✓
IX-5	Drawings	7	-
IX-7	<b>TOTAL</b>	<b>29</b>	
	<b>Accompanying Items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	<b>Figure of the drawings which should accompany the abstract</b>		
IX-20	<b>Language of filing of the international application</b>	<b>Japanese</b>	
X-1	<b>Signature of applicant, agent or common representative</b>		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported International application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported International application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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